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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In Re Patent Application Of: Hui Chun Liu                      Our File No: 11258-01 US  
Application No: 09/836,464                      Art Unit: 2878  
Filing Date: April 18, 2001                      Examiner: Lee, Shun K.  
Title: Room Temperature Quantum Well Infrared Detector

June 16, 2004

**Mail Stop AF**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**CONFIRMATION COPY**

This paper was faxed to the USPTO centralized Facsimile Number on June 16, 2004. This is the confirmation copy which includes an original signed Declaration Under 37 CFR 1.132.

**Reply under 37 C.F.R. 1.113**

**Amendment complying with 37 C.F.R. 1.116**

Sir,

This is in response to the Final Office Action mailed on 04/16/2004. Please amend the specification as follows:

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 on this paper.

**Remarks/Arguments** begin on page 6 of this paper.